

ABSTRACT OF THE DISCLOSURE

Calibration associated with output density
correction of a printer is effected by software
calibration manipulated by the user and device
5 calibration automatically performed by the printer,
and, regarding these calibrations, high accurate
calibration in which dither patterns for binarizing
processing are matched to each other is effected.

In a system in which either one of halftone
10 patterns A, B, C and D as dither patterns can be used,
regarding fewer number of patterns A and B, second
calibration tables are created by correcting first
calibration tables based on the software calibration by
using correction data of engine characteristics based
15 on the device calibration. Among the usable halftone
patterns, the calibration table corresponding to the
pattern A or B is selected in accordance with the set
halftone pattern, and the output density correction by
using the selected table.

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